

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No.WI-0021776-09-0

Permittee: City of Green Lake, 534 MILL STREET, GREEN LAKE, WI, 54941

Facility Where Discharge Occurs: Green Lake Wastewater Treatment Facility, 570 Lake Steel Street, Green Lake, Wisconsin

Receiving Water And Location: Puchyan River in Green Lake County, Green Lake Wastewater Treatment Facility 570 Lake Steel Street Green Lake, WI

Brief Facility Description and Summary of Proposed Changes: The treatment system was put into operation during 2008. Raw wastewater first passes through fine screens and grit removal. The heart of the treatment system is 2 rectangular SBR's or 2 ICEAS (Intermittent Cycle Extended Activated Sludge) basins that are operated in parallel. Each basin has pre-react zones that are operated both aerobically and anoxic/anaerobically in conjunction with the rest of the ICEAS basin to promote biological phosphorus removal. A cerium based chemical is added to the ICEAS basins as needed to meet phosphorus limits. The basins have a decant weir that allows discharge during the settling cycle. This effluent passes through UV disinfection prior to discharge to the Puchyan River. Biosolids are aerobically digested and dewatered using a belt press, and the biosolids cake is stored in a covered building. Hauled wastes are accepted and stored in a tank, and then metered into the treatment system for treatment.

Total Suspended Solids TMDL Limits- Mass based TSS limits of 175 lbs/day as a weekly average and 118 lbs/day as a monthly average have been added to the permit to comply with requirements of the Upper Fox Wolf River TMDL. Effluent concentration (mg/L) shall be monitored and reported 2 times per week upon permit reissuance and will be used to calculate amounts reported for mass-based limits.

Fecal Coliform & E. coli Limits- Fecal coliform monitoring and limits have been replaced with Escherichia coli (E. coli) monitoring and limits. E. coli monitoring is required at the permit effective date.

Total Nitrogen Monitoring (TKN, N02+N03 and Total N)- Annual monitoring in rotating quarters throughout the permit term was added to the proposed permit.

Phosphorus TMDL Limits- The conditional approval of a multi-discharger variance (MDV) for phosphorus and the imposition of a lower monthly average interim phosphorus limit along with associated compliance schedules to comply with s. 283.16, Wis. Stats. requirements for phosphorus are proposed for this permit. Discharge effluent concentration (mg/L) shall be reported 2 times per week upon permit reissuance and will be used to calculate amounts reported for mass-based parameters.

PCB monitoring and limits removed at outfall 003.

Monitoring requirements increased to annually for outfall 004.

Permit Drafter's Name, Address, Phone and Email: Lisa Lumley, DNR, 2984 Shawano Ave, Green Bay, WI, 54313, (920) 662-5176, Lisal.Lumley@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Mark Stanek, 625 E County Road Y, Suite 700, Oshkosh, WI 54901, (920) 424-7895, Mark.Stanek@wisconsin.gov

The Department has tentatively decided that the above specified WPDES permit should be reissued.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Land application of waste shall be done in accordance with permit conditions and applicable codes. All land application sites shall be approved prior to their use. To receive a list of approved sites, or to be notified of potential approvals, contact the above named basin engineer.

Phosphorus Multi-Discharger Variance: The Department has determined that the permittee is eligible for a phosphorus multi-discharger variance (MDV) in accordance with s. 283.16, Wis. Stats. The MDV provides a time extension for the permittee to comply with the final water quality based effluent limits for phosphorus while contributing funds towards nonpoint pollution control projects to reduce phosphorus. Comments on this determination are requested and additional supporting documentation and data are available upon request.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above named permit drafter's address. Currently, DNR staff are working remotely and have very limited access to US mail. To ensure comments are received, the Department recommends that all comments be sent via email to the permit drafter listed in this notice. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued.

Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, is accessible via e-mail by contacting the above named permit drafter's e-mail address or the above named basin engineer's e-mail during normal business hours Monday through Friday (except holidays). Note that DNR staff have limited access to permit hard copy files during this time as they are working from home, but much of the permit file is available electronically by e-mail request. Permit information is also available on the internet at: <http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: Green Lake Reporter

ADDRESS OF PUBLISHING NEWSPAPER: PO Box 535, Green Lake, WI 54941

Date Notice Issued: Thursday, August 20, 2020